

A b s t r a c t

A peptide referred to as cadherin-derived growth factor (CDGF) the sequence of which corresponds to a partial sequence of a pre-pro-cadherin, said pre-pro-cadherin comprising the domains signal sequence, pro sequence, cadherin repeats, transmembrane region and intracellular domain, characterized in that the sequence of said peptide comprises the pro sequence, that at least one of the other domains of the pre-pro-cadherin is lacking, and that said peptide has cell-proliferative, cell-protective and/or cell-differentiating properties.